

Selecting Hardware: 1769 Compact Expansion I/O

Select I/O Modules for Each Bank			Bus Current Draw Attribute (mA)		Calculate Current Draw			
Expansion I/O Modules	Base Unit Expansion	Bank 1	X	Y	Calculated Current for Base Unit Expansion (mA)		Calculated Current for Bank 1 Power Supply (mA)	
					n1	n2	n1 x X	n1 x Y
Cat. No.	Number of Modules ⁽¹⁾		at 5V DC	at 24V DC	at 5V DC	at 24V DC	at 5V DC	at 24V DC
1769-ASCII			500	0				
1769-BOOLEAN			220	0				
1769-IA16			115	0				
1769-IA8I			90	0				
1769-IF4 (series A)			120	150				
1769-IF4 (series B)			120	60				
1769-IF4I			145	125				
1769-IF4XOF2			120	160				
1769-IF4FXOF2F			220	120				
1769-IF8			120	70				
1769-IF16C			190	70				
1769-IF16V			190	70				
1769-IG16			120	0				
1769-IM12			100	0				
1769-IQ16			115	0				
1769-IQ16F			110	0				
1769-IQ32			170	0				
1769-IQ32T			170	0				
1769-IQ6XOW4			105	50				
1769-IR6			100	45				
1769-IT6			100	40				
1769-OA8			145	0				
1769-OA16			225	0				
1769-OB8			145	0				
1769-OB16			200	0				
1769-OB16P			160	0				
1769-OB32			300	0				
1769-OB32T			220	0				
1769-OF2 (series A)			120	200				
1769-OF2 (series B)			120	120				
1769-OF4			120	170				
1769-OF4CI			145	140				
1769-OF4VI			145	75				
1769-OF8C			145	160				
1769-OF8V			145	125				
1769-OG16			200	0				
1769-OV16			200	0				
1769-OV32T			200	0				
1769-OW8			125	100				
1769-OW8I			125	100				
1769-OW16			205	180				

Master List of Catalog Numbers

Cat. No.	Description	Quantity Selected
1764-MM2RTC	MicroLogix 1500 16 KB Memory Module with Real-Time Clock	
1764-M3	MicroLogix 1500 16 KB Memory Module	
1764-MM3RTC	MicroLogix 1500 16 KB Memory Module with Real-Time Clock	
1764-RTC	MicroLogix 1500 Real-Time Clock Module	
1769 Compact I/O Components		
1769-ADN	CompactLogix DeviceNet Adapter, series B	
1769-ASCII	Compact 2-channel ASCII Interface Module	
1769-BOOLEAN	Compact 24V I/O Boolean Control Module	
1769-CRL1	Compact I/O Right Bank-to-Left Bank 1-Foot Expansion Cable ⁽¹⁾	
1769-CRL3	Compact I/O Right Bank-to-Left Bank 3-Foot Expansion Cable ⁽¹⁾	
1769-CRR1	Compact I/O Right Bank-to-Right Bank 1-Foot Expansion Cable ⁽¹⁾	
1769-CRR3	Compact I/O Right Bank-to-Right Bank 3-Foot Expansion Cable ⁽¹⁾	
1769-ECL	Compact I/O Left End Cap	
1769-ECR	Compact I/O Right End Cap	
1769-HSC	Compact I/O High Speed Counter Module	
1769-IA16	Compact 120V AC Input Module	
1769-IA8I	Compact Individually Isolated 120V AC Input Module	
1769-IF4	Compact 1769-IF4 (series B or Later) Analog Input Module	
1769-IF4I	Compact 4-channel Isolated Analog Input Module	
1769-IF4XOF2	Compact 8-Bit Low Resolution Analog I/O Combination Module	
1769-IF4FXOF2F	Compact Combination Fast Analog I/O Module	
1769-IF8	Compact 8-channel Analog Input Module	
1769-IF16C	Compact High Density Analog Current Input Module	
1769-IF16V	Compact High Density Analog Voltage Input Module	
1769-IG16	Compact TTL Input Module	
1769-IM12	Compact 240V AC Input Module	
1769-IQ16	CompactLogix 24V DC 16-point Sink/Source Input Module	
1769-IQ16F	CompactLogix 24V DC 16-point High Speed Sink/Source Input Module	
1769-IQ32	CompactLogix 24V DC 32-point Sink/Source Input Module	
1769-IQ32T	Compact Current Sinking/Sourcing 24V DC Input Module	
1769-IQ6XOW4	Compact Combination 24V DC Sink/Source Input & AC/DC Relay Output Module	
1769-IR6	Compact I/O 1769-IR6 RTD/resistance Input Module	
1769-IT6	Compact I/O 1769-IT6 Thermocouple/mV Input Module	
1769-OA16	Compact 100 to 240V AC Solid State Output Module	
1769-OA8	Compact 100 to 240V AC Solid State Output Module	
1769-OB16	Compact Solid State 16-point 24V DC Source Output Module	
1769-OB16P	Compact Solid State 16-point 24V DC Source Output Module with Electronic Protection	
1769-OB32	Compact Solid State 32-point 24V DC Source Output Module	
1769-OB32T	Compact Current Solid-state Sourcing 24V DC Output Module	
1769-OB8	Compact Solid State 8-point 24V DC Source Output Module	
1769-OF2	Compact Analog Output Module	
1769-OF4	Compact Analog Output Module	
1769-OF4CI	Compact 4-channel Current Isolated Analog Output Module	